

Title (en)
TRANSPARENCY-ENHANCED FABRIC USING POLYESTER-ETHER BLOCK COPOLYMER YARN, AND MANUFACTURING METHOD THEREFOR

Title (de)
TRANSPARENZVERSTÄRKTES GEWEBE MIT EINEM POLYESTER-ETHER-BLOCKCOPOLYMER-GARN UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)
TISSU À TRANSPARENCE AMÉLIORÉE UTILISANT UN FIL DE COPOLYMÈRE SÉQUENCÉ DE POLYESTER-ÉTHÉR, ET SON PROCÉDÉ DE FABRICATION

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Application
EP 18922820 A 20180706

Priority

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- KR 2018007688 W 20180706

Abstract (en)
[origin: US2020362509A1] The present invention relates to a transparency-enhanced fabric using a polyester-ether block copolymer yarn, and a manufacturing method therefor and, more specifically, the method comprises the steps of: manufacturing a polyester-ether block copolymer yarn; manufacturing a textile by using the yarn; and manufacturing a transparency-enhanced fabric by thermally contracting the textile. According to a transparency-enhanced fabric using a polyester-ether block copolymer yarn and a manufacturing method therefor, of the present invention, a polyester-ether block copolymer mono-yarn is used such that the present invention has enhanced transparency allowing a see-through effect and, simultaneously, has excellent stretchability, air permeability, and wear strength.

IPC 8 full level
D03D 15/00 (2021.01); **D01D 5/16** (2006.01); **D01D 10/02** (2006.01); **D01F 6/86** (2006.01); **D03D 15/283** (2021.01); **D03D 15/54** (2021.01); **D06C 3/00** (2006.01); **D06C 21/00** (2006.01); **D06P 3/52** (2006.01); **D06P 3/54** (2006.01)

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Citation (search report)

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- [X] EP 1676944 A1 20060705 - TEIJIN FIBERS LTD [JP]
- [X] DATABASE WPI Week 199423, Derwent World Patents Index; AN 1994-186705, XP002805621
- [X] DATABASE WPI Week 199413, Derwent World Patents Index; AN 1994-107357, XP002805622
- [X] DATABASE WPI Week 199540, Derwent World Patents Index; AN 1995-309610, XP002805623
- See references of WO 2019240321A1

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US 11781266 B2 20231010; **US 2020362509 A1 20201119**; CN 111511970 A 20200807; CN 111511970 B 20220603; EP 3808883 A1 20210421; EP 3808883 A4 20220330; JP 2021509936 A 20210408; JP 7029622 B2 20220304; KR 101970598 B1 20190517; WO 2019240321 A1 20191219

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